Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43941	"fiber optic"	USPAT	OR	OFF	2004/11/04 09:35
S2	4601	S1 and "annular"	USPAT	OR	OFF	2004/11/04 09:36
S3	994	S2 and focus	USPAT	OR	OFF	2004/11/04 09:36
S4	285	S3 and measurements	USPAT	OR	OFF	2004/11/04 09:36
S5	571	S3 and measure$7	USPAT	OR	OFF	2004/11/04 09:36
S6	12	S5 and sharpness	USPAT	OR	OFF	2004/11/04 09:37
S7	1	("6636298").PN.	USPAT; USOCR	OR	OFF	2004/11/04 15:11
S8	25	("5179419" | "5319734" | "5535002" | "5543915" | "5596672" | "5600439" | "5636020" | "5657131" | "5671049" | "5727327" | "5729622" | "5729966" | "5768401" | "5768409" | "5809162" | "5857047" | "5857049" | "5862250" | "5898494" | "5923781" | "5995212" | "6069991" | "6088498" | "6105396" | "6183343").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:35
S9	149	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:35
S10	561	382/284.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:36
S11	6	S9 and S10	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:38
S12	0	"sharpness measure$7"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:59
S13	36470	sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 15:59
S14	521	S13 near measure$7	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:00
S15	107	S14 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:00
S16	77	S15 and plurality	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:13
S17	1	("5040228").PN.	USPAT; USOCR	OR	OFF	2004/11/04 16:13

S18	5	("3932733" | "4601057" | "4700225" | "4814889" | "4816919").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 16:17
S19	11	("5040228").URPN.	USPAT	OR	OFF	2004/11/04 16:23
S20	62574	"fiber optic"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:00
S21	11544	S20 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S22	327	S21 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S23	2444	S21 and sharp$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S24	1840	S23 and measure$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:01
S25	466	S24 and defect$3	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:02
S26	353	S25 and plurality	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 17:04
S27	15	S26 and "machine vision"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 09:30
S28	1	("5144442").PN.	USPAT; USOCR	OR	OFF	2004/11/05 09:56
S29	1	("6636298").PN.	USPAT; USOCR	OR	OFF	2004/11/05 09:56
S30	25	("5179419" | "5319734" | "5535002" | "5543915" | "5596672" | "5600439" | "5636020" | "5657131" | "5671049" | "5727327" | "5729622" | "5729966" | "5768401" | "5768409" | "5809162" | "5857047" | "5857049" | "5862250" | "5898494" | "5923781" | "5995212" | "6069991" | "6088498" | "6105396" | "6183343").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 10:20
S31	1	("4560864").PN.	USPAT; USOCR	OR	OFF	2004/11/05 10:22
S32	1	("4470676").PN.	USPAT; USOCR	OR	OFF	2004/11/05 11:08
S33	112	382/255.ccls.	USPAT	OR	OFF	2004/11/05 11:09
S34	74	382/220.ccls.	USPAT	OR	OFF	2004/11/05 11:14

S35	0	S33 and S34	USPAT	OR	OFF	2004/11/05 11:10
S36	8854	fuzzy	USPAT	OR	OFF	2004/11/05 11:14
S37	1294	S36 and overlap	USPAT	OR	OFF	2004/11/05 11:14
S38	426	S37 and focus	USPAT	OR	OFF	2004/11/05 11:15
S39	44	S38 and sharpness	USPAT	OR	OFF	2004/11/05 11:20
S40	404099	annular	USPAT	OR	OFF	2004/11/05 11:20
S41	375	S40 and fuzzy	USPAT	OR	OFF	2004/11/05 11:21
S42	75	S41 and transform$6	USPAT	OR	OFF	2004/11/05 11:21
S43	0	"image generat$6"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:39
S44	5108	"image generation"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:39
S45	580	S44 and "high frequency"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 11:40
S46	107	S45 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18
S47	840062	annular	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18
S48	1992	S47 and "fiber optics"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 13:18
S49	9	S48 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:15
S50	313	382/205.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:16
S51	149	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:46
S52	561	382/284.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:17
S53	2	S50 and S51	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:19
S54	22	S50 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:19
S55	6	S51 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49

S56	317730	overlap	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49
S57	1991	S56 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:49
S58	603	S57 and pixel	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 14:50
S59	132	S58 and gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 15:45
S60	211	382/152.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 15:51
S61	8	S60 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 16:13
S62	676	382/254.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/05 16:14
S63	98	S62 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 07:56
S64	1	("4404594").PN.	USPAT; USOCR	OR	OFF	2004/11/08 08:34
S65	1	("6603874").PN.	USPAT; USOCR	OR	OFF	2004/11/08 08:51
S66	112	382/255.ccls.	USPAT	OR	OFF	2004/11/08 09:04
S67	49	S66 and blur$6	USPAT	OR	OFF	2004/11/08 08:55
S68	12	S67 and overlap	USPAT	OR	OFF	2004/11/08 09:04
S69	4	S66 and fuzzy	USPAT	OR	OFF	2004/11/08 09:10
S70	180741	overlap	USPAT	OR	OFF	2004/11/08 09:10
S71	1294	S70 and fuzzy	USPAT	OR	OFF	2004/11/08 09:10
S72	326	S71 and transition	USPAT	OR	OFF	2004/11/08 09:10
S73	50	S72 and gaussian	USPAT	OR	OFF	2004/11/08 09:11
S74	6	("4731865" | "5231481" | "5465121" | "5933132" | "6424343" | "6456339").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32
S75	676	382/254.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32
S76	100	S75 and overlap	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 09:32

S77	7	S76 and fuzzy	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 10:46
S78	1	("4616262").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:34
S79	1	("6563960").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:34
S80	3	("5581667" | "5691818" | "6049390").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:38
S81	35	"4584704"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:38
S82	1	("4584704").PN.	USPAT; USOCR	OR	OFF	2004/11/08 11:38
S83	12	("2969706" | "3356792" | "3715161" | "3941476" | "4161756" | "4214827" | "4325082" | "4404594" | "4404595").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:40
S84	2608	focus and "fiber optic cable"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:41
S85	61	S84 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:45
S86	7683	"composite image"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:45
S87	527	S86 and sharpness	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:46
S88	182	S87 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 11:46
S89	5	("3673324" | "3941925" | "4141041" | "4266242" | "4439783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/08 12:10
S90	13	("4616262").URPN.	USPAT	OR	OFF	2004/11/08 13:21
S91	500	382/266.ccls.	USPAT	OR	OFF	2004/11/08 13:21
S92	212	S91 and weight$5	USPAT	OR	OFF	2004/11/08 13:22
S93	68	S92 and sharpness	USPAT	OR	OFF	2004/11/08 13:23
S94	2	S93 and composite	USPAT	OR	OFF	2004/11/09 10:55
S95	0	"spatial weight$5"	USPAT	OR	OFF	2004/11/09 10:56
S96	0	"spatial" same "weight$5"	USPAT	OR	OFF	2004/11/09 10:56
S97	0	(spatial) same "weight$5"	USPAT	OR	OFF	2004/11/09 10:56
S98	4479	(spatial) same (weight$5)	USPAT	OR	OFF	2004/11/09 11:08

S99	1219	(focus) same (sharpness)	USPAT	OR	OFF	2004/11/09 10:57
S10 0	12	S98 and S99	USPAT	OR	OFF	2004/11/09 10:57
S10 1	1	("4532548").PN.	USPAT; USOCR	OR	OFF	2004/11/09 15:21
S10 2	1	("5179419").PN.	USPAT; USOCR	OR	OFF	2004/11/09 15:33
S10 3	1	("5768409").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:01
S10 4	1	("4439783").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:02
S10 5	1	("4266242").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:03
S10 6	1	("3941925").PN.	USPAT; USOCR	OR	OFF	2004/11/09 17:04
S10 7	1	("3673324").PN.	USPAT; USOCR	OR	OFF	2004/11/10 16:40
S10 8	112	382/255.ccls.	USPAT	OR	OFF	2004/11/10 16:41
S10 9	1	S108 and "coarse focus position"	USPAT	OR	OFF	2004/11/10 16:42
S11 0	2	S108 and "coarse focus"	USPAT	OR	OFF	2004/11/10 16:42
S11 1	9	("4951151" | "5086015" | "5239170" | "5365302" | "5424528" | "5647025" | "5825043" | "6356263" | "6509952").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 16:44